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AUG 2 9 2005

FAX COVER LETTER

August 29, 2005

TO:

Examiner Karl Easthom

COMPANY:

U.S. Patent and Trademark Office - Art Unit 2832

PHONE: FAX:

571.272.1989 571.273.8300

FROM:

Rudolph P. Hofmann

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RE:

U.S. Patent Application No. 09/656,694

Attorney Docket No.: 9028-322

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that an Amendment and Response to Final Office Action are being facsimile transmitted on the date shown below, to the U.S. Patent and Trademark Office.

Janet Byrne

8-29-2005

Date

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Serial No.: 09/656,694

In reply to Office Action mailed: May 27, 2005

Page 1 of 13

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AUG 2 9 2005

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Aravind Padmanabhan

Serial No .:

09/656,694

Filed:

September 7, 2000

Title:

ROBUST FLUID FLOW AND PROPERTY

MICROSENSOR MADE OF OPTIMAL

MATERIAL

Docket No.;

9028/322

Group Art Unit: 2832

Examiner: Karl D. Easthom

Mail Stop AF Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

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AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION

Dear Sir:

This paper is responsive to the Office Action dated May 27, 2005.

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks begin on page 8 of this paper.